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PERIODICALS

The REVIEW is indebted to Robert F. Foerster for abstracts of articles in Italian periodicals, and to R. S. Saby for abstracts of articles in Danish and Swedish periodicals.

Theory

(Abstracts by Walton H. Hamilton)

- AYRES, C. E. *Instinct and capacity: (1) The instinct of belief-in-instincts; (2) Homo domesticus.* Journ. Phil., Oct. 13, 27, 1921. Pp. 5, 7. "Human nature is not an organic nature, but a social nature.....It is a field wholly apart from animal behavior; it is the behavior of civilization.....The social scientist has no need of instinct; he has institutions."
- BARNES, H. E. *Some contributions of sociology to modern political theory.* Am. Pol. Sci. Rev., Nov., 1921. Pp. 47. A scholarly survey of the recent literature of the nature and functions of the state as a social institution.
- BIERCK, L. V. *Den tekniske Basis for Loren om "increasing" og "decreasing return."* Nationalök. Tids., 2-4 Hefte, 1921. Pp. 97. A theoretical study of increasing and decreasing returns interpreted mainly along the lines of proportionality.
- BRINKMANN, C. *Schmollers Grundriss.* Weltwirtsch. Archiv, July, 1921. Pp. 9. A review of Gustav Schmoller's *Grundriss der allgemeinen Volkswirtschaftslehre.*
- BROWN, W. J. *Law, industry, and post-war adjustments.* Harvard Law Rev., Jan., 1922. Pp. 22. "If today we are to have less fighting and more remuneratively productive work," "two obsessions must be gotten rid of—one, the obsession of distribution as a sort of end in itself; the other, the obsession of production by methods which cannot command the allegiance of the average citizen of today." "Coöperation.....has become an imperative necessity."
- BURDICK, K. *The meaning of police power.* North Am. Rev., Aug., 1921. Pp. 8. The development of the economic and social system makes necessary a restriction of the liberty of the individual and an enlargement of the police power of the state.
- CAMP, W. R. *Proposed reforms in the system of Ford distribution.* Journ. Polit. Econ., Nov., Dec., 1921. Pp. 11, 22. "To the extent that the business system subordinates human needs, comfort, and welfare to consideration of price—as is especially evident in the present period of price depression and curtailed production—to that extent it falls short of maximum social efficiency."
- COX, A. B. *Cost of production: its relation to price.* Texas State Circ., 26, 1920. Pp. 9.
- ELY, R. T. *Land economics and business executives.* Administration, Dec., 1921. Pp. 8. "Land economics is that division of economics, theoretical and applied, which is concerned with the land as an economic concept and with the economic relations which grow out of land as property."
- EVANS, A. P. *The problem of control in medieval industry.* Pol. Sci. Quart., Dec., 1921. Pp. 16. Points out certain significant features of the problem of industrial control in the Middle Ages.
- FISHER, L. *Health and economics.* Contemp. Rev., Oct., 1921. Pp. 8. "We ought not to expect to maintain, as in actual fact we do maintain, a vast mass of people whose ill-health renders them incapable of wholly maintaining themselves.....Considering the wealth of nations, and the causes upon which that wealth depends, all this is waste, complete and deplorable."

- FRIDAY, D. *The accumulation of capital*. New Repub., Dec. 14, 1921. Pp. 4. Capital accumulation for 1921 will amount to more than eight billion dollars. "The industrial depression with its curse of unemployment and its curtailment of production has not impeded seriously the flow of investment funds to the security market."
- HAMILTON, W. H. *Economic opinion*. Civilization in the U. S., 1922. Pp. 16. Summary of the various types of economic opinion in the United States, professional and lay.
- HANSEN, A. H. *The technological interpretation of history*. Quart. Journ. Econ., Nov., 1921. Pp. 12. A criticism of Marx's "technological (not economic) view of history," a recognition of the importance of the technical factor, and a protest of making "a dogma" of "the technological interpretation of history."
- HART, H. *Science and sociology*. Am. Journ. Soc., Nov., 1921. Pp. 20. "The scientific achievements of sociology have been disappointing. Sociology is properly a utilitarian science. . . . In it five inductive methods of seeking truth may be considered"; viz., "the common-sense," "the historical," "the museum," "the laboratory," and "the statistical."
- HEATON, H. *The basic wage principle in Australian wages regulation*. Econ. Journ., Sept., 1921. Pp. 11. An account of "important recent developments" in Australian wage policy resting upon "the two aims": "(1) the preservation of industrial peace"; and "(2) . . . the payment to even the least skilled male adult worker of a wage which will enable him to keep himself and those dependent upon him in some degree of frugal comfort."
- HERBERT, A. S. *Unemployment and the remedy: the socialization of industry*. Fortn. Rev., Dec., 1921. Pp. 11. A plea for eliminating the irregularities of the economic cycle by resolving "to go forward resolutely and courageously, but prudently and experimentally, with the socialization of industry."
- INGE, W. R. *The dilemma of civilization*. Edinburgh Rev., July, 1921. Pp. 21. A review of Lyer's *History of Social Development* and Freeman's *Social Decay and Regeneration*. "Mechanism by its reactions upon man and his environment is antagonistic to human welfare."
- KNIGHT, F. H. *Cassel's "Theoretische Socialökonomie."* Quart. Journ. Econ., Nov., 1921. Pp. 9. A review.
- KNOOP, D. *The problem of unemployment*. Discovery. Nov., 1921. Pp. 5. A discussion of the problem as one of economic malorganization with reference to "the characteristics and causes of ups and downs in trade."
- KUO, Z. Y. *Giving up instincts in psychology*. Journ. Phil., Nov. 24, 1921. Pp. 20. "It is not only superfluous but harmful to our genuine understanding of human behavior to assume the existence of any specific instinct."
- LLOYD, C. M. *Politics and economics*. London Mercury, Nov., 1921. Pp. 4. A review of a number of books on economics. In the language of one of his reviews the matter with the economist is that "he argues that efficiency is the test. It is true that he talks of the interdependence of efficiency and well-being, but he leaves us with the impression that, if we look after the efficiency, the well-being will look after itself."
- MILLER, H. A. *The group as an instinct*. Am. Journ. Sociol., Nov., 1921. Pp. 10. "Instinct is a product of evolution. We do not know that we belong to complicated groups. . . . We react to the group relationship unconsciously because it is normal and natural."

- PIGOU, A. C. *Unemployment*. Contemp. Rev., Dec., 1921. Pp. 6. "The greater part of the evil associated with an industrial depression could be removed almost in an instant if confidence could return, touch all industries with its magic wand, and make them continue their production and their demand for the wares of others."—Marshall.
- POUND, A. *The iron man and wages*. Atlantic Mo., Dec., 1921. Pp. 8. The automatic tool tends to level the wages of the young and the old, the skilled and the unskilled, the factory worker and the office employee. In fact, it tends to a general leveling of wages and of salaries.
- REW, H. *The agricultural wage*. Nineteenth Cent., Oct., 1921. Pp. 15.
- ROBERTSON, D. H. *Economic incentive*. Economica, Oct., 1921. Pp. 15. "The love of comfort and of power will probably lead the rich to stand, without giving up in disgust the job of being rich, a good deal more pressure than some would have us believe.....An excessive preoccupation with incentive..... sometimes tends to darken counsel, in some ways an undue optimism, in others an undue pessimism, about the prospects of improving the state of the world."
- SALIN, E. *Zu Methode und Aufgabe der Wirtschafts-geschichte*. Schmollers Jahrb., 2 Heft, 45 Jahrg., 1921. Pp. 24.
- SCHMIDT, M. *Die Wirtschaftsformen bei den Naturvölkern*. Blätter f. Vergleichende Rechtswis. u. Volkswirts., Apr.-Oct., 1921. Pp. 10.
- SPRAGUE, O. M. W. *The efficiency of credit*. The Annals, Jan., 1922. Pp. 4. "Credit serves a productive purpose by facilitating the transfer of capital assets and of goods in process of production and marketing. But when business is active and people are already fully employed, additional doses of credit do not result in a larger physical output of goods."
- STRIGL, R. *Der Kapitalzins als Residual-Rente*. Archiv f. Sozialwis. Sozialpolitik., Aug., 1921. Pp. 33. A critical review of the literature with particular reference to the views of Clark and of the Austrians.
- STRUVE, P. *L'idée de loi naturelle dans la science économique*. Rev. d'Econ. Pol., May-June, July-Aug., 1921. Pp. 20, 24. "En vertu du dualisme fundamental, inhérent au processus social économique, l'activité libre et rationnelle de la volonté humaine dépassant les cadres de l'économie domestique fermée, implique son contraire qui est en même temps son pendant nécessaire: la loi naturelle, résident dans le système des interdependances économiques."
- WORDS, F. A. *Democracy and the human equation*. Journ. of Heredity, May, 1921. Pp. 4. A review of Allyne Ireland's book bearing the above caption, with a statement of the biological facts to be faced by the champion of democracy in politics or industry.
- The economic curricula at Oxford and at Cambridge*. Econ. Journ., Sept., 1921. Pp. 7. A presentation of the curricula "of the new Honor School of Philosophy, Politics, and Economics at Oxford" and of the "lately revived" regulation for the economic Tripos at Cambridge.
- A plea for an economic conference*. Nation and Athenaeum, Nov. 26, 1921. Pp. 2. "We can only urge that this concerted action of all the European States appears to be the only way of pulling up in the road to ruin."

Economic History (United States)

(Abstracts by Amelia C. Ford)

- ALCOCK, F. J. *Past and present trade routes to the Canadian Northwest*. Geog. Rev., Aug., 1920. Pp. 27. An account of the development of the trade between

St. Paul and the Red River Valley, and the influence of this trade upon western Canada. Illustrated.

AUSTIN, O. P. *Economic development of the United States, 1846 to 1921*. Bankers Mag., Sept., 1921. Pp. 6. Outlines our growth in area, means of communication, production, banking, and exports in last seventy-five years; has a table of statistics showing development of some important factors.

BLEGEN, T. C. *The early Norwegian press in America*. Minn. Hist. Bull., Nov., 1920. Pp. 13. Calls attention to the existence and location of files of some early Norwegian-American newspapers, especially the *Emigranten* which contains material on the economic development of the Northwest in the decade preceding the Civil War.

BONNEY, W. P. *Naming Stampede Pass*. Wash. Hist. Quart., Oct., 1921. Pp. 7. Gives information as to the financing and building of the Northern Pacific railroads.

BRADLEE, F. B. C. *The Boston, Revere Beach, and Lynn Narrow Gauge Railroad*. Essex Inst. Hist. Collections, Oct., 1921. Pp. 8. Narrates the origin and early operation of this road.

———. *History of the Boston and Maine Railroad* (concluded). Essex Inst. Hist. Collections, Apr., 1921. Pp. 28. Summarizes the financial collapse of this road after its absorption by the New York, New Haven, and Hartford system. Continued from the January number.

BRENNAN, M. K. *Pioneer reminiscences of Delta County*. Mich. Hist. Mag., Jan., 1920. Pp. 12. Throws a little light on transportation and early industries in the Michigan upper peninsula between 1840 and 1870.

COCHRAN, W. C. *Perils of river navigation in the sixties*. Miss. Valley Hist. Rev., Nov., 1921. Pp. 16. Discusses a long list of steamboat disasters on the Mississippi, with reasons for them.

COLE, A. H. *The domestic and foreign wool manufacturers and the tariff problem*. Quart. Journ. Econ., Nov., 1921. Pp. 34. Compares changes in the American and foreign wool manufacturing industries in the last decade; considers little is being done to put the domestic industry in the way of progress; finds the situation discouraging to those who disapprove of tariff aid indefinitely "for any industry which shows no real prospect of ultimate self-sufficiency."

COLLINS, M. S. D. *New Albany and the Scribner family*. Indiana Mag. of Hist., Sept., 1921. Pp. 32. Shows what methods of transportation and land prices were in Indiana in pioneering days.

DAVIS, W. M. *Lower California and its natural resources, a review*. Georg. Rev., Oct., 1921. Pp. 12. Chiefly geographical but mentions a few small economic opportunities in the peninsula; concludes that it "will probably long remain a better field for the explorer than for the settler."

GREENSFELDER, A. P. *The construction industry—the vital part it plays in the life of a great city*. Journ. Engg. Club of St. Louis, July-Sept., 1921. Pp. 15. Describes the growth of this business, particularly in St. Louis, and the factors and problems involved in it.

HICKS, J. D. *The political career of Ignatius Donnelly*. Miss. Valley Hist. Rev., June-Sept., 1921. Pp. 53. Discusses agrarian discontent in the 80's and 90's, Donnelly's championship of granger ideas, and his activities as anti-monopolist,

- greenbacker, and populist in a long fight against the railroads and the money power. In his early congressional career he secured favors for the railroads.
- HILL, J. J. *The Old Spanish Trail*. Hispanic Am. Hist. Rev., Aug., 1921. Pp. 30. Details the purposes, results, and routes of various expeditions that show the gradual extension of Spanish and Mexican trade northwest from New Mexico to the Great Basin and California.
- HIRSCH, A. H. *The construction of the Miami and Erie Canal*. Miss. Valley Hist. Rev., Nov., 1921. Pp. 14. Tells of the financing and building of this Ohio canal in 1837-1842.
- KING, W. I. *Pellagra and poverty*. Survey, Sept. 1, 1921. Pp. 4. Believes that inadequate diet due to poverty is the main cause of pellagra, and therefore that the only remedy for the disease is the elimination of the causes of poverty by education in the broadest sense of the word.
- KOLHMEIER, A. L. *The undertow of Puritan influence*. Miss. Valley Hist. Rev., Nov., 1921. Pp. 6. Believes that puritanism has contributed as much to the materialism of the American people as to their idealism, and gives three reasons for this seeming paradox.
- MARYE, W. B. *The Baltimore County "Garrison" and the old garrison roads*. Maryland Hist. Mag., June, 1921.
- MITCHELL, B. *Two industrial revolutions*. South Atlantic Quart., Oct., 1921. Pp. 17. Emphasizes the fundamental distinctions and similarities between the rise of industrialism in the Southern States and that in Great Britain a century earlier.
- PARISH, J. C. *Three men and a press*. The Palimpsest, Aug., 1920. Tells the history of the printing press on which the first newspaper in Iowa and in Minnesota were printed.
- PARKINSON, J. B. *Memories of Early Wisconsin and the gold mines*. Wis. Mag. of Hist., Dec., 1921. Pp. 22. Tells of prices and conditions of life and labor, first in Wisconsin in the 40's., and later in California in 1852.
- PUTNAM, G. G. *Salem vessels and their voyages*. Essex Inst. Hist. Collections, Apr., 1921. Pp. 24. Lists the cargoes and duties of vessels engaged in the Sumatra trade in the years following the Revolution. Continued in the following numbers.
- RUFF, J. *The joys and sorrows of an emigrant family*. Mich. Hist. Mag., Apr.-July, 1920. Pp. 45. Includes scattered references to wages, hours, food prices, in Buffalo and Michigan during the 50's.
- SCHAFER, J. *Documenting local history*. Wis. Mag. of Hist., December, 1921. Pp. 18. Has a statistical statement of the agricultural history of the Wisconsin town of Newton, and of the rise of other industries.
- SIOUSSAT, ST. G. L. *Andrew Johnson and the early phases of the Homestead bill*. Tenn. Hist. Mag., July, 1920. Pp. 32. Shows that the Homestead bill had its origin in a fusion of the demands of western settlers with the radical land reform doctrines of eastern labor leaders, and analyzes the part played by Andrew Johnson in forcing this legislation on Congress.
- STOCKING, W. *Detroit commercial organizations*. Mich. Hist. Mag., April-July, 1920. Pp. 43. Recounts the various activities of the Detroit boards of trade, especially for the improvement of the waterways between the Lakes and the Atlantic Ocean.

VIOLETTE, E. M. *The Missouri and the Mississippi railroad debt*. Missouri Hist. Rev., Apr., 1921. Pp. 32. The first of a series of monographs dealing with the aid given by cities and counties to railroad companies for the construction of roads just after the Civil War. These studies will explain certain restrictive features in the Missouri constitution. Fully documented.

Annual report of the librarian of the Connecticut Historical Society. 1921. Lists among manuscript accessions the following: Letters to Franklin G. Comstock of Hartford in 1835-1837, relating to the silk industry; Shipping and other papers of Ralph Bulkley, 1810-1830; Account books of business firms and individuals in the eighteenth and nineteenth centuries.

Documents relating to a proposed Swiss and German colony in the western part of Virginia. Va. Mag. of Hist. and Biog., July, 1921. Pp. 5. Sets forth the economic advantages, among others, of such a colony to the mother country. Concluded in this number.

The elimination of waste in industry. An abstract of the report of the committee of the Federated American Engineering Societies. Journ. Engg. Club of St. Louis, July-Sept., 1921. Pp. 30. Finds waste due to production being low or interrupted or restricted or lost, and discusses under seven heads the responsibility and opportunity for removing the sources of these conditions.

Major William Williams' journal of a trip to Iowa in 1849. Annals of Iowa, Apr., 1920. Records impressions of the embryo settlements, economic conditions, and the "people pushing up for the new territory" in Minnesota and Iowa.

Economic History (Foreign)

ARANA, J. J. D. *Legislación social y económica*. Boletín del Museo Social Argentino, Oct. 25, 1921.

ASHLEY, SIR WILLIAM. *The place of rye in the history of English food*. Econ. Journ., Sept., 1921. Pp. 25.

VON BACKERATH, H. *Kräfte, Kiele und Gestaltungen in der deutschen Industriewirtschaft*. Weltwirtsch. Archiv, July, Sept., 1921. Pp. 35, 35.

BHATNAGER, B. G. *Industrial organisation in medieval India*. Journ. Indian Econ. Soc., Sept., 1921. Pp. 7.

BUNGE, A. E. *Formación del sentido económico de la mujer*. Rev. de Economía Argentina, Oct., 1921.

COHN, E. *Oekonomiske Oversigter, 1. Juli 1918—1. April 1921*. Nationalök. Tids., 2-4, 1921. Pp. 42. A concise summary of a Danish survey of the financial condition of the state of the communes, money and exchange, regulation of consumption and prices, industry and labor, commerce and other economic questions during the period 1918-1921.

COLLET, O. *La situation économique des Indes Orientales néerlandaises*. Rev. Econ. Intern., year 13, vol. II, no. 1, 1921. Pp. 30.

COPPEL, E. G. and others. *Compulsory acquisition of land in Australia*. Journ. Comp. Legis. and Intern. Law, third series, vol. III, part IV.

DAVIS, J. S. *Charles Rist on Germany's war finances*. Quart. Journ. Econ., Nov., 1921.

GARCÍA, E. E. *Las industrias argentinas, ante las nuevas modalidades del comercio internacional y las organizaciones extranjeras*. Rev. de Econ. Argentina, Sept. 1921.

- GARDNER, J. *The outlook. I, British industry and finance. II, The rest of the world.* Finan. Rev. Rev., Dec., 1921. Pp. 7.
- GRILLI, C. "*L'Italia Economica*" di Riccardo Bachi e le "*Prospettive Economiche*" di Giorgio Mortara. Riv. Internaz., July, 1921. Pp. 5. The services rendered by two surveys of Italian economic conditions.
- GUBSKY, N. *The land settlement of Russia.* Econ. Journ., Dec., 1921. Pp. 10.
- HOFFMAN, F. L. *American business opportunities in Bolivia.* Econ. World, Oct. 15, 1921.
- JACQ, F. *Les difficultés de la liquidation économique de la guerre.* Monde Econ., Dec. 10, 1921. Pp. 2.
- KILPI, O. K. *Die weltwirtschaftlichen Beziehungen Finlands.* Weltwirts. Archiv, Oct., 1921. Pp. 16.
- LESCURE, J. *Situation économique et financière.* Rev. Econ. de Bordeaux, July, 1921.
- MAPPIN, G. *The development of Brazil.* Finan. Rev. Rev., Dec., 1921. Pp. 5.
- MÉNARS, O. *L'Alsace-Lorraine: sa population, son agriculture.* L'Econ. Franç., Sept. 24, 1921.
- METZNER, M. *Verbände und Kartelle der Baumwoll- und Leinenwirtschaft.* Kartell-Rundschau, 9-10 Heft, 19 Jahrg. Pp. 18.
- MILLER, M. S. *Coöperation in Russia.* Economica, Oct. 1921.
- MORSE, H. B. *The supercargo in the China trade about the year 1700.* Eng. Hist. Rev., Apr., 1921.
- MOULTON, H. G. *The economic necessity for disarmament.* Yale Rev., Jan., 1921. Pp. 15.
- MOURRE, B. *La crise de 1920-1921 et ses causes.* Rev. d'Econ. Pol., Sept.-Oct., 1921. Pp. 23.
- MÜLLER, H. *Das Genossenschaftswesen und seine gesetzliche Regelung im demokratischen Rechtsstaat.* Zeitsch. f. Schweizerische Statistik u. Volkswirtschaft., 2 Heft, 57 Jahrg.
- OUALID, W. *L'évolution industrielle de l'Alsace-Lorraine et de la France de 1871 à 1914.* Journ. Soc. de Statis. de Paris, Nov., 1921. Pp. 30.
- NEWHALL, R. A. *The war finances of Henry V and the Duke of Bedford.* Eng. Hist. Rev., Apr., 1921.
- POMMERY, L. *La reconstitution industrielle des régions dévastées.* Journ. des Economistes, Oct. 15, 1921. Pp. 12.
- SPENCER, A. F. *Siberia in 1919.* Economica, Oct., 1921.
- TURNER, E. R. *English coal industry in the seventeenth and eighteenth centuries.* Am. Hist. Rev., Oct., 1921. Pp. 23.
- VICUÑA, S. M. *La minería en Chile y Perú.* Rev. de Econ. Argentina, Sept. 1921.
- VIRGILI, F. *Des dommages économiques mondiaux causes par la guerre.* Scientia, Dec., 1921. Pp. 12.
- WATJEN, H. *Der Zucker im Wirtschaftsleben Latein-amerikas von der Kolonialzeit bis zur Gegenwart.* Weltwirts. Archiv, Oct., 1921. Pp. 16.

WERNER-KAUTZSCH. *Abwehr oder Rechtfertigung der Steinerschen Dreigliederung?* Natur u. Gesells., Dec., 1921.

WHITNEY, A. L. *Scandinavian countries and Finland—labor unrest* Mo. Labor Rev., Oct., 1921.

The agrarian reform, (Greece). Intern. Rev. Agri. Econ., Aug-Sept., 1921.

Federation of Central America. Commerce Mo., Dec., 1921. Pp. 8.

Tendency toward large capital organization in Great Britain. Commerce Mo., Dec., 1921. Pp. 11.

Agricultural Economics

(Abstracts by A. J. Dadisman)

BIDWELL, P. W. *The agricultural revolution in New England.* Am. Hist. Rev., July, 1921. Pp. 20. The author traces the agricultural developments in New England during the last century.

BIZZELL, W. B. *Farm tenantry in the United States.* Tex. Sta. Bull., 278, Apr., 1921. Pp. 408. An historical discussion of farm tenancy, analysis of the economic and social aspects, suggested helps, and a good bibliography.

COOPER, M. R. and WASHBURN, R. S. *Cost of producing wheat.* U. S. Dept. Agri. Bull. 943, Apr., 1921. Pp. 59. Analysis of detailed costs. Data from survey records of 481 farms in the principal wheat-growing states. Thirty-seven tables.

DOUCET, R. *La loi de huit heures et l'agriculture.* Monde Econ., Nov., 1921. Pp. 3. An argument opposing the eight hour day in agricultural work.

ERNLE, LORD. *Agriculture during two great wars: 1793-1815 and 1914-1918.* Jour. Min. Agr. (London), vol. 27, no. 3, June, 1920. Pp. 14. General agricultural conditions in England in the two periods are compared.

———. *The inclosure of open-field farms.* Jour. Min. Agr. (London), vol. 27, no. 2, Dec., 1920. Pp. 11. A survey of conditions leading to the inclosure.

FALCONER, J. I. *Methods of renting land in Ohio.* Ohio Sta. Bul. 348, May, 1921. Pp. 29. *The nature of farm rental contracts as they exist in Ohio with suggestive improvements and forms of lease contracts.*

HALL, D. *Our national food supply.* Journ. Min. Agr. (London), vol. 27, no. 2, May, 1920. Pp. 5. A discussion of needs and possibilities of Great Britain's producing a greater part of her food supply in the home country.

HIBBARD, B. H. *Farm tenancy in 1920.* Jour. Farm Econ., Oct., 1921. Pp. 8. A study of the status and problems of tenancy in several sections of the United States.

HIBBARD, B. H., FOSTER, L. G., and DAVIS, D. G. *Wisconsin livestock shipping associations.* Wis. Sta. Bull. 314, Aug., 1920. Pp. 22. History and methods of conducting shipping associations in Wisconsin, with suggested constitution and by-laws.

HOLMES, J. C. *Coöperative wool marketing.* S. Dak. Ext. Cir. 34, June, 1921. Pp. 15. A description of methods of handling South Dakota's wool cooperatively.

HOYT, H. R. *Comparison of rotations, crop costs, and net receipts per acre.* Ohio Sta. Bull. 344, June, 1921. Pp. 2. Detailed costs of five rotations.

HUNTER, B. *Preliminary report on farm organization in Twin Falls and Latah counties.* Idaho Sta. Bull. 123, Feb., 1921. Pp. 11. Progress report. A summary

of the average business on 200 farms in 1919, data from survey records, with five tables.

LIESSE, A. *La journée de huit heurs dans l'agriculture*. L'Econ., Franç., Nov., 1921. Pp. 3. An argument opposing the eight hour day for agricultural workers in France.

McFALL, R. J. *The balance between agriculture and industry*. Annalist, Nov., 1921. Pp. 3. A comparison of the trends of agriculture and industry.

MADSEN-MYGDAL, H. *Landbruget gennem Krigsaarene*. Nationalök. Tids., 2-3, 1921. Pp. 23. A survey of the economic conditions confronting the Danish farmer during and after the war.

MURRAY, N. C. *The trend of prices*. Journ. Farm Econ., Apr., 1921. Pp. 9. A consideration of seasonal cycles, yearly average prices, and general price levels as affecting prices of farm products.

PECK, F. W. *Methods of conducting cost of production and farm organization studies*. U. S. Dept. Agr. Bull. 994, Nov., 1921. Pp. 47. A carefully prepared handbook describing methods of collecting and analyzing data.

RUINI, M. *Le possibilità agrarie d'Italia*. Riv. di Polit. Econ., no. VI, 1921. Pp. 20.

SACCO, I. M. *La regolamentazione del lavoro agricolo e la II conferenza internazionale del lavoro*. Riv. Internaz., Sept., 1921. Pp. 10.

SCHEIFLEY, W. H. *The father of French agriculture*. Sewanee Rev., Dec., 1921. Pp. 5. A brief biography and outline of the work of Oliver de Serres.

TAYLOR, H. C. *The adjustment of the farm business to declining price levels*. Journ. Farm Econ., vol. 3, no. 1, Jan., 1921. Pp. 9. A discussion of readjustment problems from the farmers' view point.

WILSON, SIR JAMES. *The world's wheat*. Journ. Royal Stat. Soc., May, 1921. Pp. 63. Production and consumption, exports and imports, of wheat of fifty-nine countries with pre-war, war-time, and after war averages, fourteen tables and discussions. *Cost of producing staple farm products*. An. Rept. Neb. Sta., Feb., 1920. Pp. 2. Some general results of recent studies in Nebraska.

Leasing systems in Wisconsin. Wis. Sta. Bull. 319, Sept., 1920. Pp. 2. A summary of lease contracts in Wisconsin.

Mixed farming and apple growing in Ontario. Ontario Dept. Agr. Bull. 282, Feb., 1921. Pp. 23. A comparative study of the farm business of 165 mixed farms and 35 apple farms from survey records, twenty-one tables.

Some phases of English agricultural policy. Intern. Lab. Rev., Oct., 1921. Pp. 13. A discussion of government regulation to encourage home production by fixing prices and wages, three tables.

Railways and Transportation

(Abstracts by Julius H. Parmelee)

ACWORTH, W. *How British look at rail rate problem*. Ill. Central Mag., Nov., 1921. Pp. 5. Reprint from the *London Times*. The basis of traffic and rate classifications, with possible future modifications.

ALLIX, G. *Les progrès réalisés dans les chemins de fer depuis l'armistice*. Rev. Pol. et Parl., Oct. 10, 1921. Pp. 21.

- BAKER, B. *Railroad wages*. Independent, Oct. 29, 1921. Pp. 2. Facts taken from September payrolls of an eastern trunk line.
- BUTTERWORTH, W. *Railroad labor pay—and mine*. Nation's Bus., Jan., 1922. Pp. 2.
- CANSEY, W. B. *Central Europe's roads need fuel and equipment*. Ry. Age, Nov. 12, 1921. Pp. 4. With map and illustrations.
- CHAMBERS, E. *The trans-Continental freight rate situation*. Ry. Age, Nov. 26, 1921. Pp. 4. Effect of Panama Canal competition.
- CHILES, G. S. *Effect of car weight and speed on coal consumption*. Ry. Rev., Oct. 29, 1921. Pp. 4.
- CUYLER, T. D. *The real problem of the railroads*. Ry. Rev., Nov. 5, 1921. Pp. 3.
- DAVIS, J. C. *The legal status of a railroad strike*. Ry. Age, Nov. 19, 1921. Pp. 4. Address by Director General of Railroads.
- DUNN, S. O. *The railway situation and general business*. Ry. Age, Dec. 31, 1921. Pp. 4. Premature rate reductions will eventually cost shippers more than the immediate benefit.
- DUNN, S. O. *Will the railways be consolidated?* Rev. Rev., Jan., 1922. Pp. 4. Analysis of tentative plan of Interstate Commerce Commission.
- GIORDONO, A. *A review of the Italian railway situation*. Ry. Age, Jan. 7, 1922. Pp. 3. Capital the great need.
- GOLDSTEIN, J. M. *America's wealth due largely to railway expansion*. Ry. Age, Nov. 5, 1921. Pp. 5. Graphic study by a Russian economist.
- . *Soviets demoralize already inadequate system*. Ry. Age, Jan. 7, 1922. Pp. 2. Russian railways utterly demoralized.
- GREGG, E. S. *Failure of the Merchant Marine act of 1920*. Am. Econ. Rev., Dec., 1921. Pp. 15.
- GRONDE, J. *The Swiss railways in the year 1921*. Ry. Age, Jan. 7, 1922. Pp. 3. Large deficit in operation. Tourist travel restricted by high rates of exchange for Swiss money.
- GRIFFIN, M. T. *South African railways progress despite deficits*. Ry. Age, Jan. 7, 1922. Pp. 2.
- GUYOT, Y. *Le nouveau régime des chemins de fer*. Journ. des. Econ., Nov. 15, 1921. Pp. 10.
- HERSHBERGER, D. C. *The Chilean railroad problem and its solution*. Ry. Age, Jan. 21, 1922. Pp. 5. Question of electrification because of topography and character of resources. With map, profile, etc.
- HINES, W. D. *Ford is right—and wrong*. Nation's Bus., Dec., 1921. Pp. 2. Analysis of operations of the D. T. & I. under Henry Ford's management.
- HOMBERGER, L. *Die Wirtschaftliche Lage der Deutschen Reichsbahn*. Archiv. f. Eisenbahnw., Nov.-Dec., 1921. Pp. 20.
- HOWSON, E. T. *The federal valuation is entering new stages*. Ry. Age, Jan. 7, 1922. Pp. 3.
- KRAEGER, F. W. *Freight car orders during 1921 lowest on record*. Ry. Age, Jan. 7, 1922. Pp. 4. Only 23,346 cars ordered, compared with 84,207 in 1920.
- . *Locomotive market in quiescent state during 1921*. Ry. Age, Jan. 7, 1922. Pp. 3. Only 239 orders placed, compared with 1,998 in 1920.

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- _____. *Passenger car purchase small during 1921.* Ry. Age, Jan. 7, 1922.
Pp. 2. Orders totaled 246, compared with 1,781 in 1920.
- KRUTTSCHNITT, J. *Railroad efficiency: past and present.* Atlantic Mo., Jan., 1922.
Pp. 10. Review of railway development, financial difficulties, and present methods of operation.
- LANE, H. F. *Five years of freight traffic growth is lost.* Ry. Age, Jan. 7, 1922.
Pp. 6. Freight traffic in 1921 less than in any year since 1915. With charts and tables.
- _____. *General railroad developments during the year.* Ry. Age, Jan. 7, 1922. Pp. 6. Review of the railway year 1921.
- _____. *Status of railroad accounts with the government.* Ry. Age, Jan. 7, 1922. Pp. 4. Payments by government to date, loans, unpaid balances, etc.
- LORIN, H. *Le projet de réorganisation des chemins de fer helvétiques.* Rev. Pol. et Parl., Dec. 10, 1921. Pp. 18. Analysis of the Swiss railway problem.
- LYNE, J. G. *Nor do South America's roads escape adversity.* Ry. Age, Jan. 7, 1922. Pp. 3. High costs coupled with inadequate earnings.
- MUHLFIELD, J. E. *An analysis of the freight car situation.* Ry. Age, Nov. 19, 1921. Pp. 3. Number, condition, and performance of railway cars. With statistics and chart.
- OLDHAM, J. E. *A plan for railroad consolidations.* Ry. Rev., Nov. 19, 26, 1921. Pp. 5, 5.
- PARKES, H. *Progress towards normalcy in railway labor field.* Ry. Age, Jan. 7, 1922. Pp. 5. Railway labor developments in 1921.
- PARMELEE, J. H. *An analysis of the railway statistics for 1921.* Ry. Age, Jan. 7, 1922. Pp. 6. Decline in traffic in 1921 greatest in American railway history. Analysis of earnings, wages, and traffic.
- PASVOLSKY, L. *The railroad situation in soviet Russia.* Annalist, Dec. 5, 1921. P. 1.
- PAYNE, J. L. *The Canadian railways are in a bad way.* Ry. Age, Jan. 7, 1922. Pp. 3. Year 1921 worst in Canadian railway history.
- PESCHAUD, M. *Agreement on reorganization of French railways.* Ry. Age, Dec. 31, 1921. Pp. 4. French railway reorganization under new Railway act.
- _____. *High lights in the French railway situation.* Ry. Age, Jan. 7, 1922. Pp. 4. Large deficits. New law of 1921 will be helpful.
- REDER, G. *German railways operating under difficulty.* Ry. Age, Jan. 7, 1922. Pp. 2. Large deficits, but some physical progress in 1921.
- REMY. *Die Geschichte der serbischen Eisenbahnen.* Archiv f. Eisenbahnw., Nov.-Dec., 1921. Pp. 44.
- THAYER, R. E. *The Indian railways face a serious problem.* Ry. Age, Jan. 7, 1922. Pp. 2. Financially prosperous, but physically inadequate.
- _____. *Railway situation in other European countries.* Ry. Age, Jan. 7, 1922. Pp. 2. Railway results for 1921 in Norway, Sweden, Spain, and Belgium.
- _____. *Review of English railways during 1921.* Ry. Age, Jan. 7, 1922. Pp. 5. Difficult financial and consolidation problems being faced. New law in effect.

- WALKER, R. *The regulation of securities under section 20-a.* Ry. Age, Jan. 7, 1922. Methods and results under one provision of Transportation act.
- WATERMAN, R. *Regrouping the railroads.* Nation's Bus., Nov., 1921. Pp. 2. Summaries of the I. C. C. and Oldham plans.
- WHYTE, F. M. *Unifying the railway gages of Australia.* Ry. Age, Jan. 7, 1922. Pp. 4. With maps.
- Chinese railways experience normal year in 1921.* Ry. Age, Jan. 7, 1922. Pp. 3.
- Die bulgarischen Eisenbahnen in den Rechnungsjahren 1914-1918.* Archiv f. Eisenbahnw., Nov.-Dec., 1921. Pp. 13.
- Die Eisenbahnen Griechenlands vor und nach dem Krieg.* Archiv f. Eisenbahnw., Nov.-Dec., 1921. Pp. 7.
- Die Eisenbahnen Japans 1914-1915 to 1918-1919.* Archiv f. Eisenbahnw., Nov.-Dec., 1921. Pp. 7.
- Indian Railway Committee, 1920-1921.* Ry. Gaz. (London), Sept. 23, 30; Oct. 7, 14, 1921. Pp. 4, 4, 4, 2. Summary of report and recommendations of committee of inquiry on the Indian railway system.
- Prices still much higher than railway rates.* Ry. Age, Dec. 3, 1921. Pp. 4. Based on average of years 1890-1899 as 100. With graphs.

Commerce

(Abstracts by Harry R. Tosdal)

- ANDERSON, B. M. *Our trade relations with Europe from the economist's point of view.* Econ. World, Oct. 22, 1922. Pp. 2. Since manufacturing countries were the ones to suffer because of the war, they must be revived by imports of their products to the United States in order to restore the equilibrium of trade. Opposes tariff wall.
- BAVIN, T. R. *Price-fixing in Australia during the war.* Journ. Comp. Legis. and Intern. Law, third series, vol. III, part IV. Pp. 10. Provisions and accomplishments of federal and state price-fixing legislation in Australia during war.
- CAMP, W. R. *Proposed reforms in the system of food distribution.* Journ. Pol. Econ., Nov., Dec., 1921. Pp. 10, 22. I, Consideration of abuses existing in fruit, dairy products, and vegetable industries and proposals for reducing the cost of distribution as factor in cost of living. II, Gives proposals of Federal Trade Commission to remedy conditions in packing industry. States that the Commission overlooks industrial advantages of system built up by packers and that their reforms "leave all discretionary power as to distribution in hands of owners of surplus products and therefore essentially continue the present conflict of interests between the distributors and the final users of those products."
- DENNIS, A. P. *The United States and Great Britain as competitors in the world's coal trade.* Econ. World, Oct. 29, 1921. Pp. 4. Reprinted from *Commerce Reports*. Discusses the relative advantages and disadvantages of United States and Great Britain, our greatest competitor for world trade.
- HAPPOLD, H. *Englische Entscheidungen über die ratenweisen Lieferungen der Waren.* Blätter f. Vergleichende Rechtswis. u. Volkswirtsch., Apr.-Oct., 1921. Pp. 7. Brief examination of English decisions upon what constitutes legal delivery of goods.

- KIELSTRA, J. G. *Die hollandischen Kolonien und der Freihandel*. Weltwirtsch. Archiv, July, 1921. Pp. 13. Traces history of commercial policy of Dutch colonies, concluding that free trade is favorable to development of new colonies.
- PAYEN, E. *L'aluminium: sa production, ses emplois*. L'Econ. Franç., Dec. 3, 1921. Pp. 2. Digest of remarks of various speakers at exposition and series of conferences held in summer of 1921 to discuss production and uses of aluminium.
- . *Le café: sa production et sa consommation*. L'Econ. Franç., Nov. 12, 1921. Pp. 2. Statistical report of production and consumption of coffee. Recommends that France develop proposal of growing coffee in her colonies.
- . *Le magnésium: sa production, son emploi, ses perspectives*. L'Econ. Franç., Dec. 10, 1921. Pp. 2. Gives information concerning production, uses, and commercial possibilities of magnesium: based on lecture of Professor Flusin of University of Grenoble.
- STAUBACH, C. P. *Sales quotas*. Bull. Taylor Soc., Oct., 1921. Pp. 7. Paper on certain aspects of use of sales quotas in valuating market possibilities of territories presented at meeting of Taylor Society, February, 1921.
- VANDERBLUE, H. B. *The functional approach to the study of marketing*. Journ. Pol. Econ., Oct., 1921. Pp. 7. Illustrates by reference to work of Shaw, Weld, Cherington, Duncan, and others the development of functional basis for study of marketing.
- The artificial silk industry in the United States and Europe*. Econ. World, Nov. 5, 1921. Pp. 7. Statistical report giving history of growth of industry and showing its large possibilities of development.
- A national coöperative wheat-marketing scheme* (United States). Intern. Rev. Agri. Econ., Aug.-Sept., 1921. Pp. 5. Description of objects and methods of United States Grain Growers, Inc.
- Reports of sales research committee*. Bull. Taylor Soc., Oct., 1921. Pp. 3. "Abstract of a preliminary report of the Committee on Sales Questionnaire presented at the annual meeting of the Taylor Society, New York, Dec. 3, 1920."

Public Utilities

(Abstracts by Charles S. Morgan)

- ANDREWS, H. L. *Bus and car costs compared*. Elec. Ry Journ., Oct. 29, 1921. Pp. 3. A criticism of two recent studies of the respective fields of the rail car, the trolley bus and the gasoline bus.
- BAUER, J. *Deadlock in public utility regulation*. II, *Nothing ever settled*. Nat. Munic. Rev., Oct., 1921. Pp. 4. After twenty years of commission regulation there is such indefiniteness about fair value, fair rate of return, proper elements of cost, etc., that confusion and delay still attend the regulatory process. III, *Inefficient service*. *Ibid.*, Nov. 1921. Pp. 5. Commission regulation has failed to develop a program of requiring a high degree of efficiency in utility operation and of assisting in the promotion thereof. IV, *The character of the commissions, and what should be done*. *Ibid.*, Jan., 1922. Pp. 6. Despite its shortcomings regulation is, in general, preferable to municipal ownership or service-at-cost. It should, however, be rendered more effective by improving the personnel of the commissions, a problem calling for appointments on the basis of technical fitness rather than political expediency.

- BLOOD, W. H., Jr. *The passing of "depreciated value" in rate cases.* Stone & Webster Journ., Dec., 1921. Pp. 22. In valuation of a utility's plant for *rate-making* purposes no deduction should be made for "accrued depreciation" where plant is in one hundred per cent operating condition. Citation of recent decisions supporting this view.
- BUDENZ, L. F. *Befogging the transit issue.* Nation, Nov. 16, 1921. Pp. 2. The Transit Commission's plan for the reorganization of New York City's transportation agencies does not protect the public from high fares or arbitrary control, and is in no sense genuine municipal ownership.
- CARR, H. F. *Regulation of public utilities.* Nat. Elec. Light Assoc. Bull., Nov., 1921. Discussion of the origin, development and present problems of commission regulation.
- CHAMONARD. *Les abonnements telephoniques.* Le Monde Econ., Oct. 15, 1921. Pp. 2. Report made to Chamber of Commerce of Lyons approving, as a temporary measure only and with certain specified reservations, of a projected change from the usual flat-rate basis to a graduated basis of charging for telephone service in France. Automatic telephony preferred.
- DANA, E. *Service-at-cost contract franchise and state regulation.* Elec. Ry. Journ., Oct. 8, 1921. Pp. 2. Advantages of service-at-cost franchises over commission regulation, with particular reference to Boston Elevated Railway.
- EICHEL, E. *Railway situation in Berlin.* Elec. Ry Journ., Nov. 5, 1921. Pp. 3. Brief account of problems encountered in operation of Berlin's railways.
- E. C. G. *Rates fixed by municipality under power to regulate and fix rates.* Mich. Law Rev., Dec., 1921. Pp. 3. Brief statement of principles of law developed to date in widespread controversy over power of municipalities to establish binding rates.
- GRUHL, E. *The traction industry today and four years ago.* Elec. Ry. Journ., Oct. 8, 1921. Pp. 4. "The difficulties confronting the industry are as acute today as they were at the beginning of the four-year period." Need for further efforts looking to the final readjustment of the industry.
- HOBEIN, C. A. *Public utility invested capital.* Annalist, Nov. 14, 1921. Pp. 2. Valuation, which should be based on the historical cost of the property, is relatively less important than that the return thereon should be sufficient to maintain securities at a market value commensurate with the capital investment which they represent. Formula for determination of such a rate of return is presented.
- N. M. *What is admissible evidence of value in eminent domain?* Harvard Law Rev., Nov., 1921. Pp. 2. Summary of recent federal court decisions in which a further extension of the principle of eminent domain is established, while the cost of reproduction method of valuation is limited by what a "reasonably prudent man would purchase or undertake the construction of the property for."
- MATHEWS, N. *The valuation of property in the early common law.* Harvard Law Rev., Nov., 1921. Pp. 15. Examination of early cases and commentaries shows that, despite frequent and diversified instances of valuation practice, there was no development of principles of valuation until about the middle of the nineteenth century.
- MURPHY, E. J. *The present trend of business.* Aera, Dec., 1921. Pp. 3. Statistics, here presented, of operating revenues and expenses of 72 representative electric railways for the first nine months of 1920 and 1921 give evidence of effects on this industry of the prevailing business depression.

- NASH, R. R. *The worth of a car ride*. Stone & Webster Journ., Oct., 1921. Pp. 8. The value of the service rendered by a public utility has not been and can not be definitely determined. Therefore, this stricture on the "cost of service" basis of rates is, in general, unwarranted.
- NEWMAN, J. K. *The future of street railway financing*. Elec. Ry. Journ., Oct. 8, 1921. Pp. 2. Discussion of proper financial structure for companies operating under service-at-cost franchises.
- PERRY, J. A. *Appeal for reason in utility regulation*. Elec. World, Oct. 29, 1921. Pp. 2. President of National Association of Railway and Utilities Commissioners sounds warning against regulation which does not look to a proper development of utilities.
- PHILLIPS, A. I. *Effect of English *btu* standard*. Gas Age-Record, Nov. 12, 1921. Pp. 3. Judging from British experience with the Gas Regulation act of 1920, this American engineer favors "the removal of all heating value restrictions," "rates being "fixed in accordance with our recognized principles of regulation."
- SIKES, G. C. *The wrangle over public utilities in Illinois*. Nat. Munic. Rev., Nov., 1921. Pp. 2. Brief survey of recent legislation in Illinois.
- W. R. V. *Coal mining affected with a public interest*. Yale Law Journ., Nov., 1921. Pp. 4. Broadening of concept of industries "affected with a public interest."
- WEHLE, L. B. *Low street railway fares with the help of the landowner*. Nat. Munic. Rev., Oct., 1921. Pp. 4. The landowner benefited by increased land values as the result of the extension of transit facilities should bear, through taxation, a proportion of the initial cost of construction of such facilities.
- Advantages of a superpower system*. Elec. World, Nov. 5, 1921. Selections from a recent government report showing in detail the savings to be accomplished by a superpower system between Boston and Washington.
- Analysis of weekly pass at Youngstown*. Elec. Ry. Journ., Dec. 24, 1921. Pp. 5. Instructive interpretation of results obtained in this apparently successful attempt to built up traffic.
- California public utility regulation*. Gas Age-Record, Dec. 24, 1921. Pp. 2. Portions of last annual report of California Railroad Commission, showing some of the methods and effects of regulation.
- City takes Toronto Railway*. Elec. Ry. Journ., Sept. 10, 1921. P. 1. Formal transfer will be consummated by about January 1, 1922.
- Commission's tentative plan criticized*. Elec. Ry. Journ., Dec. 17, 1921. P. 1. President of Brooklyn Rapid Transit Company objects principally to the holding company feature of the New York Transit Commission's proposed reorganization of the city's rapid transit system and proposes a substitute therefor.
- Constitutional methods of regulating jitneys*. Yale Law Journ., Dec., 1921. Pp. 4. Consideration of constitutionality of recent Connecticut legislation.
- Features of Des Moines franchise*. Elec. Ry. Journ., Dec., 10, 1921. Pp. 2. Summary of this recent service-at-cost franchise.
- Hearings completed for year*. Elec. Ry. Journ., Dec. 24, 1921. Pp. 3. Summary of testimony on proposed reorganization of New York City's railways, particularly with reference to financial aspects of the plan.

One year of service at cost at Rochester. Elec. Ry. Journ., Dec. 24, 1921. P. 1.
Better public feeling and improved service have been accomplished.

Ownership and operation of utilities. Elec. World, Nov. 12, 1921. P. 1. Committee on public ownership and operation of utilities of National Association of Railway and Utilities Commissioners reports that public ownership is undesirable in theory and unsuccessful in practice.

Regulation of utilities in Wisconsin. Elec. Ry. Journ. Oct. 29, 1921. Pp. 4.
Interesting description of work of Wisconsin Railroad Commission, especially its efforts to strengthen the companies it regulates.

Service-at-cost sound. Elec. Ry. Journ., Dec. 31, 1921. P. 1. A significant statement, abstracted from a recent report of Cleveland Street Railway Commissioner, of the results accomplished in last six years and of certain problems now being faced.

Statistics of New York railways. Elec. Ry. Journ., Nov. 26, Dec. 17, 1921. Pp. 4, 4.
Extended presentation of Transit Commission's statistics on various aspects of the city's railways.

Utility commissioners discuss motor buses. Elec. Ry. Journ., Oct. 29, 1921. Pp. 3.
Views of various commissioners on the proper sphere of the motor bus in local transportation.

What the public utility commissioners think about important rate questions. Pub. Service Manag., Jan., 1922. A particularly important report of committee on rates of National Assoc. of Railway and Utilities Commissioners.

Accounting

(Abstracts by Martin J. Shugrue)

BOSSERT, H. *Newspaper accounting.* Journ. Account., Dec., 1921. Pp. 22. Description of the operation of a newspaper plant and its accounting requirements.

BOWMAN, J. H. *Electric railway cost accounting.* Elec. Ry. Journ., Oct. 15, 1921. Pp. 4.

COOK, W. W. *Stock without par value.* Am. Bar Assoc. Journ., Oct. 1921. Pp. 3.
Consideration of this new device of corporate financing; of the dangers it may involve, and of additional steps needed to protect creditors and purchasers.

GRAHAM, D. *Should a small bank analyze?* Journ. Am. Bankers Assoc., Oct., 1921. Pp. 2. The answer is probably "yes" with reservations. Discusses the small account problem, the large account that is a source of loss and other difficulties to which depositor may subject his bank.

JOYCE, H. W. *The traveling auditor.* Journ. Account., Nov., 1921. Pp. 4. How his efficiency may be judged.

KNIGHT, M. A. *The operation of the analysis department.* Bankers Mag., Nov., 1921. Pp. 5. Intended for the consideration chiefly of bankers doing business in smaller cities. Illustrated with specimen forms.

MYER, E. M. *Lumber freight.* Journ. Account., Dec., 1921. Pp. 6.

OAKLEY, F. *Auditing federal reserve banks.* Journ. Account., Nov., 1921. Pp. 8.
Outlines the steps which must be followed in conducting an audit of this kind.

PRUDDEN, R. F. *Bank credit investigator.* Bankers Mag., Oct., Nov., 1921. Pp. 10.
Fifth and sixth in a series of articles dealing with the work of the credit depart-

ment of a bank. The last of the series deals particularly with trade terms and discounts, trade acceptances and summarizing the investigation.

PUTNAM, G. E. *Unit costs as a guiding factor in buying operations.* Journ. Pol. Econ., Oct., 1921. Pp. 13. Shows that the packer's cost-accounting system performs one of its chief functions in indicating the maximum price that can profitably be paid for live stock rather than in determining the minimum selling price; and incidentally that a cost system performs essentially the same functions in many other industries.

WALL, A. *A profitable account.* Bankers Mag., Oct., 1921. Pp. 5. A discussion of method by which the profit or loss on a checking account may be obtained with fairness to both banker and customer.

WILLIAMS, C. B. *Treatment of costs during periods of varying volumes of production.* Journ. Account., Nov., 1921. Pp. 13. Believes that manufacturing cost should not be affected by variations in the volume of production but that it should be based upon normal volume of production.

WILSON, C. N. *A system of accounts for cheese factories.* Wis. Div. Markets Bull., no. 5., 1920. Pp. 16. The suggested accounting blanks and forms and a brief text are presented for the purpose of assisting the standardization of business methods in the cheese industry of Wisconsin.

WILSON, C. N. *A system of accounts for coöperative warehouses.* Wis. Div. Markets Bull., no. 5, 1920. Pp. 30. The system outlined in this bulletin is offered to enable coöperative warehouses to comply with requirements of the law and to facilitate the making of income-tax returns.

WOOD, J. *The preparation of the annual accounts of a farm.* Accountants' Mag. (Edinburgh), Nov., 1921. Pp. 8. Fourth in a series of articles dealing with farmers' accounts. Illustrated with statement forms.

Accounting for legislative appropriations for state institutions. Pace Student, Dec., 1921. Pp. 5. Outline of accounting requirements illustrated with journal entries and typical forms for records.

Cost accounting work in trade organizations. Pace Student, Nov., 1921. Pp. 2. Contains correspondence on this subject between Chamber of Commerce of the United States and the Federal Trade Commission.

Notes on balance-sheets. Bankers' Mag. (London), Nov., Dec., 1921. Pp. 5, 6. I, An elementary explanation of what a balance sheet is and how its items are classified and also briefly how it may be analyzed. II, Analyzes three credit statements: a good balance sheet, a second class risk, and a statement of a company in poor financial condition. To be continued.

Valuation of debts in a merchant's balance-sheet. Accountants' Mag. (Edinburgh), Nov., 1921. Pp. 9. Mainly concerned with the valuation for balance-sheet purposes of debts on open account.

Labor and Labor Organizations

(Abstracts by David A. McCabe)

ALLISON, B. D. *Labor education in Germany.* Survey, Oct. 8, 1921. Pp. 2.

ANDREWS, J. B. *The President's Conference on Unemployment—success or failure?* Am. Labor Legis. Rev., Dec., 1921. Pp. 4. Answer depends on degree to which the manufacturers take steps to reduce inequalities of employment within their own establishments.

- ASKWITH, LORD. *The executive section of industry*. Fortn. Rev., Nov., 1921. Pp. 6. The brain-workers are organizing and may join the trade union movement unless the employers treat them with sympathy and tact.
- BARKER, J. E. *Unemployment: its cause and only remedy*. Fortn. Rev., Nov., 1921. Pp. 9. The cause is the extortionate and restrictive policies of labor.
- BARTON, D. M. *Women's minimum wages*. Journ. Royal Stat. Soc., July, 1921. Pp. 41. Comparison of wages fixed by trade boards and those fixed by voluntary agreement; the boards have undoubtedly raised the wages of the lower-paid workers, without preventing agreements for higher rates being made. Paper is followed by discussion.
- BING, A. M. *The British building guilds*. Survey, Oct. 29, 1921. Pp. 5. Results to date and prospects.
- BIRD, F. H. *The cost of living as a factor in wage adjustments in the book and job branch of the Chicago printing industry*. Am. Econ. Rev., Dec., 1921. Pp. 21.
- BLANKENHORN, H. *The temper of the coal miners*. Survey, Oct. 22, 1921. Pp. 2. Review of 1921 convention of United Mine Workers.
- BURNS, G. H. *The vital question of building trades wages*. Annalist, Dec. 26, 1921. Pp. 2. Drastic wage cuts are inadvisable with present level of living costs; the solution is increased output by the individual workers.
- CARLTON, F. T. *Drifting stockholders: floating workers*. Survey, Dec. 31, 1921. Pp. 3. Looks toward control of industry by the resident managers and the workers.
- CHENERY, W. L. *The storm's passing*. Survey, Nov. 5, 1921. Pp. 2. The calling-off of the threatened railroad strike.
- CLYNES, J. R. *Labour and unemployment*. Nineteenth Cent., Nov., 1921. Pp. 11. An analysis of the causes and a program. The writer is one of the leaders of the Labour party.
- COLE, G. D. H. *Labour in war and peace*. Fortn. Rev., Dec., 1921. Pp. 14. A review of the developments from 1913 to date. Two significant new movements are the building guilds and the working-class education movement. Trade unions are now on the defensive, however, owing to the unemployment situation.
- . *Labor prospects in Great Britain*. No. Am. Rev., Oct., 1921. Pp. 12.
- . *Non-manual trade unionism*. No. Am. Rev., Jan., 1922. The growth of organization among supervisory and technical workers; the future course of industrial organization depends largely on whether they throw in their lot with the unions of manual workers.
- CONDLIFFE, J. B. *Wage arbitration in New Zealand under falling prices*. Econ. Journ., Dec., 1921. Pp. 7. The court has not raised real wages in times of prosperity and would doubtless hold them up in the period of falling prices, but reductions in nominal wages are unpopular and the court is facing a severe test.
- COOKE, M. L. *Unemployment within employment*. Intern. Lab. Rev., Dec., 1921. Pp. 11. Deals with idleness among workers who are employed. A paper read before the Taylor Society, May 9, 1921.
- COX, G. V. *The English building guilds: an experiment in industrial self-government*. Journ. Pol. Econ., Dec., 1921. Pp. 15. Organization, nature of the contracts, financing, results in output and cost, elements of strength, and relation to guild socialist principles.

- FEIG, J. *The right of association among agricultural workers in Germany*. Intern. Labor Rev., Dec., 1921. Pp. 9. Causes of increase in organization and strikes.
- FINDLAY, SIR JOHN. *Industrial peace in New Zealand*. Intern. Lab. Rev., Oct., 1921. Pp. 16. The achievements outweigh the disappointments.
- FRANCKE, E. *The new spirit in German labour legislation*. Intern. Lab. Rev., Oct., 1921. Pp. 7. The new legislation is based on the principle of the equality of rights.
- GISBOURNE, F. A. W. *The recoil of the living wage in Australia*. Nat. Rev., Aug., 1921. Pp. 14. System had to fail because based on wrong principles.
- GODWIN, F. *The rise of Japanese labor consciousness*. Nation, Oct. 26, 1921. Pp. 4.
- GOMPERS, S. *The unemployment conference—a picture*. Am. Fed., Nov. 1921. Pp. 7.
- GREENWOOD, E. *Labor at Geneva*. Survey, Dec. 17, 1921. Pp. 2. The results of the third annual conference of the International Labor Organization of the League of Nations.
- GRIFFITH, S. *Productive unemployment in Germany*. Survey, Dec. 24, 1921. Pp. 3. The unemployed are put to work in government enterprises or on private work of recognized public utility, with funds advanced by the government.
- HANSEN, A. H. *Cycles of strikes*. Am. Econ. Rev., Dec. 1921. Pp. 5.
- HERBERT, A. S. *Unemployment and the remedy: the socialisation of industry*. Fortn. Rev., Dec., 1921. Pp. 11.
- HUNT, E. E. *Action—an account of the measures that have arisen out of the President's Conference on Unemployment*. Survey, Dec., 17, 1921. Pp. 3. Writer was secretary of the conference.
- HUTCHINS, B. L. *The present position of industrial women workers*. Econ. Journ., Dec., 1921. Pp. 10. Unemployment is increasing and wage reductions are threatened. The Trade Board plan must be retained, economies must be introduced by employers, and, if necessary, combinations to keep up prices organized.
- KRAUSE, L. *Dismissal of workmen in the new German labor legislation*. Am. Fed., Dec., 1921. Pp. 3.
- . *Trade union movement in Austria and Hungary*. Am. Fed., Oct., 1921. Pp. 3.
- LANE, W. D. *The labor sky in West Virginia*. Survey, Oct. 22, 1921. Pp. 3.
- . *West Virginia—The civil war in its coal fields*. Survey, Oct. 29, 1921. Pp. 7.
- LASKI, H. J. *England's unemployed*. Survey, Oct. 15, 1921. Pp. 2.
- MADIA, G. *L'aumento dei salari dal 1914 al 1921*. Giorn. d. Econ., Oct., 1921. Pp. 10.
- NEUMANN, S. *International Arbejderlovgivning*. Nationalök. Tids., 2-3, 1921. Pp. 7. Outlines the attempts made to bring about uniform international regulation of labor conditions and looks for progress under the provisions of the treaty of Versailles.

- FIGOU, A. C. *Unemployment*. Contemp. Rev., Dec., 1921. Pp. 6. An analysis of the causes of the present situations; a restoration of confidence is essential to recovery.
- QUINBY, R. S. *A study of industrial absenteeism*. Mo. Labor Rev., Oct., 1921. Pp. 9.
- ROSEWATER, V. *Wages, budgets, cost of living*. Am. Econ. Rev., Dec., 1921. Pp. 4.
- ROWNTREE, B. S. *The future of industry*. Survey, Dec. 3, 1921. Pp. 3. Five points which employers must concede to labor to secure industrial peace.
- . *Prevention and compensation of unemployment*. Intern. Lab. Rev., Dec., 1921. Pp. 13. Deals with the general problem rather than with the present emergency.
- . *Unemployment compensation, an aid to economic security*. Am. Labor Legis. Rev., Dec., 1921. Pp. 4.
- SHADWELL. *The war of the mines*. Quart. Rev., July, 1921. Pp. 19. The causes of the struggle are to be found largely in the policies pursued by the government in all the big mining disputes for the past ten years. Favors a national pool.
- TUCKWELL, G. M. *The story of the Trade Board's acts*. Contemp. Rev., Nov., 1921. Pp. 7. Constructive criticism.
- TURNER, V. B. *Labor conditions and legislation in New Zealand*. Mo. Labor Rev., Dec., 1921. Pp. 15.
- . *Labor unrest in Australia and South Africa*. Mo. Labor Rev., Nov., 1921. Pp. 32.
- WAGGAMAN, M. T. *Some developments in the movement for "family wages"*. Mo. Labor Rev., Oct., 1921. Pp. 12. Covers foreign countries.
- WALSH, F. P. *Wall Street's control of railroad labor policy*. Nation, Nov. 2, 1921. Pp. 2.
- WARNER, A. *Fighting unionism with martial law*. Nation, Oct. 12, 1921. Pp. 2. Refers to conditions in coal fields of Mingo County, West Virginia.
- WEST, G. P. *A 100-per cent American strike*. New Repub., Oct. 19, 1921. Pp. 2. A strike of oil-well workers in San Joaquin Valley, California; the strikers will probably be defeated.
- WHITNEY, A. L. *Labor unrest in Scandinavian countries and Finland*. Mo. Labor Rev., Oct., 1921. Pp. 17.
- British Trades Union Congress—synopsis of proceedings of the fifty-third annual convention at Cardiff*. Lab. Gaz. (Canada), Oct., 1921. Pp. 4.
- Control of the employment of children in agriculture in Canada and the United States*. Intern. Lab. Rev., Oct., 1921. Pp. 25. Tabular summary of laws of provinces and states.
- Control of the employment of children in agriculture in Europe*. Intern. Lab. Rev., Nov., 1921. Pp. 37.
- Decisions of the Railroad Labor Board on overtime*. Mo. Labor Rev., Oct., 1921. Pp. 4. Rules of general application adopted by the Board for the six shop crafts. These are compared in parallel columns with the rules on the same subject in the "national agreement" made between the Railroad Administration and the shop crafts federation.

- Decisions of the Railroad Labor Board.* Mo. Labor Rev., Dec., 1921. Pp. 4. The decision of the Board further amending the "national agreements" of the shop crafts.
- The eight-hour day in Japan.* Intern. Lab. Rev., Oct., 1921. Pp. 4.
- The employment situation in Russia since the bolshevik revolution, II.* Intern. Lab. Rev., Oct., 1921. Pp. 15.
- Fourth convention of National and Catholic Unions.* Lab. Gaz. (Canada), Oct., 1921. Pp. 4. Synopsis of proceedings.
- Further action toward the alleviation of unemployment conditions in Canada.* Lab. Gaz. (Canada), Oct., 1921. Pp. 5.
- Growth of trade unionism since 1913.* Intern. Lab. Rev., Dec., 1921. Pp. 4. Supplement to article under same title in the July-August, 1921, number.
- Joint industrial councils in Great Britain.* Intern. Lab. Rev., Dec., 1921. Pp. 16.
- Juvenile employment service in Canada and other countries.* Lab. Gaz. (Canada), Nov., 1921. Pp. 4.
- Labor legislation of 1921.* Am. Labor Legis. Rev., Dec., 1921. Pp. 75.
- Minimum wage legislation for low-paid industries in Europe.* Intern. Lab. Rev., Nov., 1921. Pp. 31.
- President's Conference on Unemployment, Washington, D. C.* Mo. Labor Rev., Nov., 1921. Pp. 9.
- Profit-sharing and co-partnership in Great Britain.* Intern. Labor Rev., Oct., 1921. Pp. 12.
- Progress of the English building guilds.* Mo. Labor Rev., Dec., 1921. Pp. 7.
- Recommendations of the President's Conference on Unemployment.* Survey, Oct. 22, 1921. Pp. 3.
- Sixteenth congress of the Confédération Générale du Travail, France.* Mo. Labor Rev., Oct., 1921. Pp. 4.
- The threatened railroad strike.* Mo. Labor Rev., Dec., 1921. Pp. 15. Record of events, with texts of important statements.
- The trade union movement.* Intern. Labor Rev., Oct., 1921. Pp. 11. Chiefly concerned with international movements.
- Wage award by Judge Landis in Chicago building trades, September 7, 1921.* Mo. Labor Rev., Oct., 1921. Pp. 5. Text of the award.
- Workers' education in Great Britain.* Intern. Lab. Rev., Nov., 1921. Pp. 18.

Public Finance

(Abstracts by Charles P. Huse)

- ANDERSON, W. *Income tax: corporation profits tax and super tax.* Scottish Bankers Mag., Oct., 1921. Pp. 20. Traces the history of the British income tax, giving the changes made in 1920.
- BADULESCO, V. *Le prélèvement sur le capital en Autriche.* Rev. Sci. et Legis. Finan., July-Sept., 1921. Pp. 132. Gives the history and text of the act.
- BRANCHINI, M. and SCIALOJA, A. *Note e noterelle di politica doganale.* Riv. di Pol. Econ., no. VI, 1921. Pp. 12. Five controversial articles on the current Italian tariff situation.

- BROWN, H. G. *The shifting of taxes on sales of land and capital goods and on loans.* Journ. Pol. Econ., Oct., 1921. Pp. 11. Considers many possible effects of such taxes.
- CLARKE, P. L. *Classified taxation in Kentucky.* Bull. Nat. Tax. Assoc., Nov., 1921. Pp. 4. The reform has brought good financial and moral results.
- COMSTOCK, A. *Lessons of the French turnover tax.* Annalist, Dec. 12, 1921. Pp. 2. Possibilities of evasion and inequality of application to agricultural and business classes.
- CORBINO, E. *Un caso di protezionismo marittimo a rovescio.* Giorn. d. Econ., Sept., 1921. Pp. 4.
- DINGLEY, E. N. *Refunding foreign obligations.* Protectionist, Dec., 1921. Pp. 7. Gives the history of the foreign loans and considers the chances of repayment by the various countries.
- DUDLEY, A. S. *State classification and the commerce clause.* Bull. Nat. Tax Assoc., Nov., 1921. Pp. 6. Considers the constitutionality of the Montana law which taxes railroad property at a higher rate than land of the same value.
- FAIRCHILD, F. R. *The futures of state and local taxation.* Bull. Nat. Tax Assoc., Dec., 1921. Pp. 7. Proposes as an ultimate goal the use of the income tax, supplemented by a tax on physical wealth and possibly a business tax.
- GRILLI, C. *Il protezionismo dopo la guerra.* Riv. Internaz., Aug., Sept., 1921. Pp. 8, 21.
- GROSSMAN, E. *Les finances publiques de la Suisse de 1914 à 1920.* Rev. Sci. et Légis. Finan., July-Sept., 1921. Pp. 37. Shows the effects of the war upon Swiss expenditures, both central and local, and the measures taken to meet them.
- HAIG, R. M. *The crisis in state and local taxation of banks.* Journ. Am. Bankers Assoc., Oct., 1921. Pp. 4. A recent decision of the supreme court apparently makes a revision of state laws imperative.
- HARISTOY, J. *L'impôt sur le revenu (suite).* Rev. Sci. et Légis. Finan., July-Sept., 1921. Pp. 12. Tells of recent developments in the administration of the French income tax.
- HAYES, F. M. *Inheritance taxes and how to provide for them.* Econ. World, Oct. 8, 1921. Pp. 3. To prevent injury to the estate, life insurance should be carried.
- HORWILL, H. W. *Problems of local taxation in England.* Pol. Sci. Quart., Dec., 1921. Pp. 12. Local rates have risen to an average of 17 shillings in the pound.
- HOUSTON, D. F. I, *Where our taxes go, and why.* II, *What you need to know about federal taxation.* World's Work, Sept., Oct., 1921.
- HOWE, S. T. *The determination of a tax levy.* Bull. Nat. Tax Assoc., Nov., 1921. Pp. 4. Minimum rates combined with valuation at selling value should be adopted.
- KAHN, O. H. *The effect of tax revision on prosperity. An open letter.* Finan. Rev. Rev., Dec., 1921. Pp. 6. A plea for a reduction in the surtaxes.
- LIESSE, A. *Le budget de 1922; les économies et le rendement des impôts.* L'Econ. Franç., Oct. 15, 1921. Pp. 3. The finance commission of the chamber of deputies reports against heavier taxes and in favor of economies.
- MANN, F. K. *Die Finanzlage der Schweiz.* Weltwirtsch. Archiv, July, 1921. Pp. 10.

The war has brought about a tremendous increase in the Swiss debt and compelled resort to very heavy taxes.

MARION, M. *Le produit des contributions indirectes pendant l'année 1920*. L'Econ. Franç., Nov. 5, 1921. Pp. 5 Gives figures comparing the productivity of the various taxes in 1919 and 1920.

MILLS, O. L. *The spending tax*. Bull. Nat. Tax Assoc., Oct., 1921. Pp. 3. Outlines a new tax which he believes should take the place of the surtaxes.

ONETO, S. *La discriminazione qualitativa fra ricchezze soggette ad imposta*. Giorn. d. Econ., Sept., 1921. Pp. 20.

PEARSON, E. N. *Federal income tax law*. Investment Bankers of Am. Bull., Sept. 30, 1921. Pp. 3. Explains procedure in case of tax-free covenants.

RICE, J. I. *The inconsistencies and shortcomings of the tax laws of South Carolina*. Bull. Nat. Tax Assoc., Nov., 1921. Pp. 2. Classification can only follow the adoption of a constitutional amendment.

SCHNEIDER, S. *Das Steuerkapital der Kantone und die Steuerbelastung*. Zeitsch. f. Schweizerische Statistik u. Volkswirtsch., 2 Heft, 57 Jahrg. Pp. 19. A study of capital taxation in Switzerland including the inheritance tax.

SCHULTHESS. *The Swiss tariff policy*. Protectionist, Dec. 5, 1921. Switzerland has been forced by business depression to adopt a higher tariff.

SMITH, G. P. *The doubtful constitutionality of the federal estate tax on life insurance payable to specified beneficiaries*. Econ. World, Nov. 5, 1921. Pp. 2. Argues that such policies are not a part of decedent's estate, citing decisions of state courts in support.

STAMP, J. C. *The taxable capacity of Ireland*. Econ. Journ., Sept., 1921. Pp. 14. Discusses the principles which should be followed in measuring this taxable capacity.

VAKIL, C. N. *Our fiscal policy*. Journ. Indian Econ. Soc., Sept. 1921. Pp. 21. Deals largely with tariff history.

VIGORELLI, R. *La difesa fiscale e giuridica della piccola proprietà*. Riv. Internaz., July, 1921. Pp. 10.

YVES-GUYOT. *La réforme sociale et les finances britanniques*. Journ. des Econ., Oct. 15, 1921. Pp. 14. Believes that England's social legislation will bring back the evils removed by the poor law reform of 1834.

American valuations. Protectionist, Nov., 1921. Pp. 9. Favors plan because of its protective and revenue features.

Population

(Abstracts by A. B. Wolfe)

ADAMI, G. *The true aristocracy*. Sci. Mo. Nov. 1921. Pp. 15. Advocates the widespread establishment of mental and physical tests for the improvement of the national stock "by scientific and democratic means, irrespective of wealth and influence." Address before the Second International Congress of Eugenics.

ANDREADES, A. *De la population de Constantinople sous les empereurs byzantins*. Metron, Dec., 1920. Pp. 46.

ANDREADES, M. and others. *La population de l'Empire britannique après la guerre*:

le recensement anglais du 19 juin 1921. L'Econ. Franç., Nov. 26, 1921. Pp. 3. Discussion before the Société d'Economie Politique de Paris.

AUROUSSEAU, M. *The distribution of population: a constructive problem.* Geog. Rev., Oct. 1921. Pp. 30. A valuable contributive article relative to ratio between population and resources. Article shows how geographical science should be brought to the aid of economics in solving the problem of the distribution of population.

BATESON, W. *Common sense in racial problems.* Eugenics Rev., Apr. 1921. Pp. 14. Equality of political power has been bestowed upon the lowest elements of our population and we are nearing the final stage of democratic decay. Biological truth has been recognized too late.

BAUR, E. *Die biologische Bedeutung der Auswanderung für Deutschland.* Archiv f. Frauenkunde, July, 1921. Pp. 3. Deteriorating influence of emigration.

BERTELSEN, A. *Some statistics on the native population of Greenland.* Metron. Sept., 1921. Pp. 5.

BLOCH, L. *Occupations of immigrants before and after coming to the United States.* Quart. Pub. Am. Stat. Soc., June, 1921. Pp. 15. A statistical study originally prepared for the Carnegie Americanization study. The available statistics indicate that on the whole neither the immigrant agricultural workers nor the immigrant skilled workers follow their former occupations to a large extent after the coming to the United States.

CESTRE, C. *The family extra wage in France.* Survey, Nov. 12, 1921. Pp. 2. Outline of one of France's neo-mercantilistic repopulation devices.

COX, H. *The problem of population.* Dial, May, 1921. Pp. 7.

DARWIN, L. *The field of eugenic reform.* Sci. Mo., Nov. 1921. Pp. 14. A general but pointed presentation of some fundamental problems in eugenics policy. Address before the Second International Congress of Eugenics.

DARWIN, L. *Population and civilization.* Econ. Jour., June, 1921. Pp. 8. "We want another Malthus to arise who would avail himself of all the knowledge reaped during the last hundred years and who would face these intricate problems with the same courage displayed by his great predecessor."

EHLER, J. *Bevölkerungsbewegung in den preussischen Grosstädten im Jahre 1920.* Jahrb. f. Nat. Oekon., July, 1921. Pp. 3.

FISHER, I. *Impending problems of eugenics.* Sci. Mo., Sept. 1921. Pp. 18. Presidential address before the Eugenics Research Association.

GURADZE, H. *Berlins Bevölkerungsbewegung in und nach dem Weltkriege.* Jahrb. f. Nat. Oek. u. Statistik, June, 1921. Pp. 3.

HALL, P. F. *The present and future of immigration.* No. Am. Rev., May, 1921.

KELLOGG, V. *Race and Americanization.* Yale Rev., July, 1921. Pp. 12.

KELLOR, F. *Future immigration.* No. Am. Rev., July, 1921. Pp. 8.

KNIBBS, G. H. *The theory of large population—aggregates.* Metron, July, 1920. Pp. 13. Popular statement of some of the author's mathematical theories of population.

MARCH, L. *The consequences of war and the birth rate in France.* Sci. Mo., Nov., 1921. Pp. 21. An indirect argument for France's repopulation policy. Rejects

the Malthus analysis on the ground that no one law can be formulated for population growth. An address before the Second International Congress of Eugenics.

PEARL, R. *The biology of death. VII, Natural death, public health, and the population problem.* Sci. Mo. Sept., 1921. Pp. 21. Concluding number of Prof. Pearl's noteworthy series of articles. In this his mathematico-biological theory of the ultimate limit of population in any country is presented. The limit for the United States is put at 197¼ millions.

_____. *A biological classification of the causes of death.* Metron, April, 1921. Pp. 9.

SCHILLER, F. S. C. *Eugenics versus civilization.* Eugenics Rev., July, 1921. Pp. 13. Civilization need not be unfavorable to eugenical quality of the human stock.

TURPEAU, J. *La natalité.* Monde Econ., Nov. 26, 1921. Pp. 4. A laudatory review of Auburtin's *La Natalité*.

WALLIS, W. D. *The Mexican immigrant in California.* Pacific Rev., Dec., 1921. Pp. 11. Characteristics and effects.

WESTENHOFER, DR. *Auswanderung und Heimat-Siedlung vom eugenetischen Standpunkt.* Archiv f. Frauenkunde. July, 1921, Pp. 23.

Birth control in France. Survey, Jan. 7, 1922. Pp. 1.

Le mouvement de la population en France en 1920. L'Econ. Franç., Aug. 20-27, 1921. Pp. 2. Recent demographic statistics from the *Journal Officiel*, July 31, 1921.

La population de la Belgique. L'Econ. Franç., Oct. 1, 1921. P. I.

Insurance and Pensions

(Abstracts by Henry J. Harris)

DE BERNONVILLE, D. *Chronique des questions ouvrières et des assurances sur la vie.* Journ. Soc. Stat. Paris, Dec., 1921. Pp. 7. Summary data on unemployment, cost-of-living indices, wages and digest of bill on social insurance.

BURNET, P. *The relation between commodity prices and life insurance in the United States, 1860-1920.* Econ. World, Oct. 22, 1921.

CABELL, H. *The automobile insurance situation.* Econ. World, Oct. 15, 1921.

LEAL, J. R. *Is a reliable sickness experience table necessary in personal health and accident insurance?* Econ. World, Nov. 12, 1921. Pp. 2. Seven eighths of the companies doing business have compiled no data which are essential. Can be compiled on the plan used by the life investigations.

MOWBRAY, A. H. *Competition and regulation of rates for casualty insurance.* Econ. World, Nov. 26, 1921. Pp. 2. Unrestricted competition increases costs and rates and tends to unfair discrimination. Experts should work out standards to guide official regulation.

DE NOUVION, G. *Les assurances sociales obligatoires.* Journ. des. Econ., Oct. 15, 1921. Pp. 16. Bill introduced in French Parliament, March 22, 1921. Provisions of bill, history of social insurance in Germany, and views of the mutual aid societies are given. Author concludes that bill is not wanted by the wage-earners and that it will bring financial embarrassment.

- PREUS, J. A. C. *A government experiment vs. life insurance principles*. Econ. World, Dec. 17, 1921. Pp. 5. The North Dakota experiments are socialistic; life insurance is based on coöperation and is the only sound plan for solving the economic problems of the Northwest.
- WINTER, W. D. *Legitimate and illegitimate uses of marine insurance*. Econ. World, Nov. 12, 1921. Reprinted from the Nov., 1921, issue of *Credit Monthly*.
- WOODWARD, J. H. *Industrial retirement system based on the money-purchase principle*. Econ. World, Dec. 3, 10, 1921. Pp. 4, 2. Basis of pension, types of benefits, age at retirement, costs, contributory and non-contributory plans, carriers and legal status of insured.
- WORLEY, A. *Insurance: its origins and its relation to commerce*. Econ. World, Nov. 19, 1921. Pp. 5. Evolution from earliest times to the present.
- The favorable mortality experience of American life insurance companies in 1921*. Econ. World, Dec. 10, 1921.

Pauperism, Charities, and Relief Measures

(Abstracts by George B. Mangold)

- BOWERS, P. E. *The necessity for sterilization*. Journ. Delinquency, Sept., 1921. An unusually strong argument in favor of the sterilization of defectives. Hereditary defectiveness is responsible for so many of our social ills that some method of preventing reproduction must be devised. Sterilization is not considered a predatory measure, but one of the best methods of treatment which society has at her command for the improvement of the human race.
- NORTHCOTT, C. H. *Unemployment relief in Great Britain*. Pol. Sci. Quart., Sept., 1921. The principal measure designed to reduce unemployment in Great Britain was the Unemployment Insurance act passed in 1920. This act extends the benefits to nearly all the trades and also increases contributions beyond those allowed in the act of 1911. The long continued period of unemployment has, however, made it difficult to carry out the act. Among other proposed measures were schemes for the building of roads and plans for the development of parks and public works. An attempt was also made to place ex-service men in the building trades, but this measure has been temporarily abandoned.
- RICHMOND, W. *An industrial institute survey*. Journ. Delinquency, Sept., 1921. This is a survey of the Wyoming Industrial Institute, a school for delinquent boys. The writer reaches conclusions similar to those obtained in other studies of institutions. He finds that two thirds of the children are below average intelligence, that 15 per cent are definitely feeble-minded and 21 per cent are border-line cases. Only 10 per cent out of the total number were regarded as promising material.
- SMITH, D. S. *Adoption of children in New Zealand*. Journ. Comp. Legis. and Intern. Law, third series, vol. III, part IV. Consists largely of an analysis of the adoption laws in New Zealand and of the historical steps leading up to the present laws. The adopted child is now given the status of a child born in lawful wedlock to the adopting parents. The value of the law is evident from the fact that in 95 per cent of the cases handled the proceedings applied to illegitimate children.
- ZEUTHEN, F. *Fremtidens Forsørgelsesvæsen*. Nationalök. Tids., 4, 1921. Pp. 26. A constructive criticism of a recently published Danish government report looking toward improvements in charity and relief administration and theory.

Socialism and Co-operative Enterprises

NEUMANN, A. *Die Entwicklung der sozialistischen Frauenbewegung.* Schmollers Jahrb., 3 Heft, 45 Jahrg., 1921.

ONEAL, J. *The socialists. Their strength.* Forum, Aug., 1921.

RENARD, G. *La question sociale: élargissons le socialisme.* Scientia, Dec., 1921. Pp. 5.

RIGGS, E. G. *The socialists. Their weakness.* Forum, Aug., 1921.

SCHUMPETER, J. *Sozialistische Möglichkeiten von heute.* Archiv. f. Sozialwis. u. Sozialpolitik, 2 Heft, 48 Bd., 1921. Pp. 55.

Statistics

(Abstracts by Horace Secrist)

ANTONELLI, E. *Une enquête régionale sur le coût de la vie.* Rev. d'Econ. Pol., Sept.-Oct., 1921.

BACHI, R. *Numeri indici dei prezzi delle merci nel commercio all'ingrosso in Italia nel mese di giugno 1921.* L'Economista, July 24, 1921. Pp. 6. Index numbers of wholesale prices in Italy, given as arithmetic means, compared with those for previous months. Similar current studies are presented in subsequent issues of *L'Economista*.

———. *Sulla rilevazione statistica del movimento dei forestieri.* Giorn. d. Econ., Aug., 1921. Pp. 13. The statistical determination of the extent of the tourist movement in Italy.

BARNETT, G. E. *A critique of cost-of-living studies.* Quart. Pub. Am. Stat. Assoc., Sept., 1921.

BELCHER, R. R. *Estimates of the population of the United States for intercensal years.* Quart. Pub. Am. Stat. Assoc., Dec., 1921. Pp. 4. "An analysis of available statistics on births, deaths, immigration, and emigration during the period from 1910 to 1920 has been found to provide a fairly satisfactory basis for estimating the population growth for the intervening years. The purpose of this paper is to present the results of that analysis and to suggest a method which can be applied to the estimation of growth during the period prior to the taking of the 1930 census."

BERTELSEN, A. *Some statistics on the native population of Greenland.* Metron, Sept., 1921. Pp. 5.

BEVERIDGE, W. H. *Weather and harvest cycles.* Econ. Journ., Dec., 1921. Pp. 24. A further analysis of the relation of weather and harvest cycles, based upon yearly fluctuation of wheat prices in Western and Central Europe from 1500 to 1869. Concludes in part as follows: "the yield of harvest in Western and Central Europe from the middle of the sixteenth to the opening of the twentieth century has been subject to a periodic influence or combination of such influence tending to produce bad harvests at intervals of about 15.3 years, the first epoch falling in 1556. This proposition is about as certain as harmonic analysis can make it."

BOWLEY, A. L. *The labour report on the cost of living.* Econ. Journ., Sept., 1921.

BRADFORD, E. S. *Methods used in measuring unemployment.* Quart. Pub. Am. Stat. Assoc., Dec., 1921. Pp. 12. A review of methods of measuring unemployment and an estimate of the amount at the close of 1921.

- BURNET, A. R. *Trade associations and business statistics*. Administration, Dec., 1921. Pp. 17.
- CARVER, H. C. *The mathematical representation of frequency distributions*. Quart. Pub. Am. Stat. Assoc., Sept., 1921.
- CLOUGH, H. W. *Note on methods for indicating and measuring correlation, with examples*. Mo. Weather Rev., Sept., 1921. Pp. 2. "Indicates methods for securing approximate values of r (Pearsonian correlation coefficient) with less labor of computation, also other methods of measuring both correlation and dispersion or scatter of data, and the analytical relations between them on the basis of a very large number of observations."
- COPELAND, M. T. *The readjustment of operating expenses*. Rev. Econ. Stat., Oct., 1921. Pp. 5. A review of the data from the Harvard and the Northwestern University Bureaus of Business Research on the operating expenses in retail shoe, grocery, hardware, jewelry, and clothing stores.
- CRUM, W. L. *A measure of dispersion for ordered series*. Quart. Pub. Am. Stat. Assoc., Dec., 1921. Pp. 7. Calls attention "to the inadequacy of the standard deviation for the study of the dispersion of a statistical series the terms of which are ordered relative to a given variable," examines "certain considerations bearing upon the dispersion in such series," and "sets up tentatively a new measure particularly applicable to ordered series."
- DAVIS, R. M. *Electrical statistics as a barometer of industrial activity*. Quart. Pub. Am. Stat. Assoc., Sept., 1921.
- DELEEuw, A. L. *Applying "moving average" charts to industry*. Manag. Engg., Dec., 1921. Pp. 6.
- DEWING, A. S. *A statistical test of the success of consolidations*. Quart. Journ. Econ., Nov., 1921. Pp. 18. This study of data concerning thirty-five industrial combinations (chosen in conformity with six conditions) indicates that the first year earnings after consolidation were less than the earnings of the separate plants before consolidation, and that earnings gradually diminished until they were no more than during the first year of consolidation.
- DOUGLAS, P. H. *An examination of the wage statistics of the National Industrial Conference Board*. Quart. Pub. Am. Stat. Assoc., Sept., 1921.
- FAULKNER, R. P. *Uses and perils of business graphics*. Administration, Jan., 1922. Pp. 5. Points out some of the simpler limitations of graphs and warns against their sole or major use in statistical studies.
- FISHER, R. A. *On the "probable error" of a coefficient of correlation deduced from a small sample*. Metron, Sept., 1921. Pp. 30.
- GEORGE, E. E. *Details of index number construction and comparison of indices*. Engg. and Contracting, Nov. 9, 1921. Pp. 3.
- GIUSTI, U. *Methods of recording retail prices and measuring the cost of living in Italy*. Intern. Labor Rev., Nov., 1921. Pp. 18. The subject is divided into: (a) the collection of prices; (b) methods of calculating index numbers; (c) methods by which wages may be adjusted to variations in the cost of living; and, finally, (d) criticisms and conclusions.
- GOLDENWEISER, E. A. *The effect on the reserve ratios of changes in reserves and in liabilities*. Quart. Pub. Am. Stat. Assoc., Sept., 1921.

- HUBBARD, J. B. *The Aberthaw index of building costs.* Rev. Econ. Stat., Oct., 1921. Pp. 3.
- HUNTINGTON, E. V. *A new method of apportionment of representatives.* Quart. Pub. Am. Stat. Assoc., Sept., 1921. Pp. 12.
- HURLIN, R. G. *Three decades of employment fluctuation.* Annalist, Oct. 24, 1921.
- KELLEY, T. L. *Certain properties of index numbers.* Quart. Pub. Am. Stat. Assoc., Sept., 1921. Pp. 15. A mathematical analysis whereby index numbers are considered in relation to the correlation between their constituent items.
- MANGOLD, F. *Zur Frage einer schweizerischen Ernährungsindexziffer.* Zeitsch. f. Schweizerische Statistik u. Volkswirtsch., 2 Heft, 27 Jahrg.
- MANN, L. B. *A national index of retail trade.* Quart. Pub. Am. Stat. Assoc., Dec., 1921. Pp. 2.
- MARCH, L. *Les modes de mesure du mouvement général des prix.* Metron, Sept., 1921. Pp. 35.
- MEEKER, R. *On the best form of index number.* Quart. Pub. Am. Stat. Assoc., Sept., 1921.
- MEERWARTH, R. *Über die Bedeutung der Teuerungsziffern.* Schmollers Jahrb., 3 Heft, 45 Jahrg., 1921.
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